

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|------------------|
| 2 | 1395 | ((257/356) or (257/357) or (257/359) or (257/360)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/22 16:08 |
| 3 | 1293 | ((257/410) or (257/412)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/22 16:09 |
| 4 | 1200 | ((257/632) or (257/635) or (257/638) or (257/639) or (257/649)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/22 16:09 |
| 5 | 3830 | ((257/356) or (257/357) or (257/359) or (257/360)).CCLS.) or ((257/410) or (257/412)).CCLS.) or ((257/632) or (257/635) or (257/638) or (257/639) or (257/649)).CCLS.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/22 16:10 |
| 6 | 52 | ((257/356) or (257/357) or (257/359) or (257/360)).CCLS.) or ((257/410) or (257/412)).CCLS.) or ((257/632) or (257/635) or (257/638) or (257/639) or (257/649)).CCLS.) and silicon near3 oxygen near3 nitrogen | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/22 16:10 |
| 7 | 2 | ((257/356) or (257/357) or (257/359) or (257/360)).CCLS.) or ((257/410) or (257/412)).CCLS.) or ((257/632) or (257/635) or (257/638) or (257/639) or (257/649)).CCLS.) and (silicon near3 oxygen near3 nitrogen near12 gate adj insulat\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/22 16:12 |
| - | 1399 | ((257/410) or (257/411) or (257/412)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 11:30 |
| - | 1078 | ((257/632) or (257/635) or (257/638) or (257/639) or (257/649)).CCLS. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 11:31 |
| - | 3139 | ((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or ((("257/410") or ("257/411") or ("257/412")).CCLS.) or ((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.)) and (@rlad<19990429 or @pd<19990428) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/11/22 16:07 |
| - | 594 | ((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or ((("257/410") or ("257/411") or ("257/412")).CCLS.) or ((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.)) and (@rlad<19990429 or @pd<19990428)) and (gate near10 (insulation or insulator or isolation or isolator)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 11:44 |
| - | 518 | ((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or ((("257/410") or ("257/411") or ("257/412")).CCLS.) or ((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.)) and (@rlad<19990429 or @pd<19990428)) and (gate near10 (insulation or insulator or isolation or isolator))) and (silicon or polysilicon or polycrystalline near5 silicon) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 11:50 |

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|---|-----|---|---|------------------|
| - | 377 | (((((((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or (((("257/410") or ("257/411") or ("257/412")).CCLS.) or (((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.) and (@rlad<19990429 or @pd<19990428)) and (gate near10 (insulation or insulator or isolation or isolator))) and (silicon or polysilicon or polycrystalline near5 silicon)) and (doped or dopant or doping)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 11:52 |
| - | 241 | (((((((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or (((("257/410") or ("257/411") or ("257/412")).CCLS.) or (((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.) and (@rlad<19990429 or @pd<19990428)) and (gate near10 (insulation or insulator or isolation or isolator))) and (silicon or polysilicon or polycrystalline near5 silicon)) and (doped or dopant or doping)) and (oxygen or oxynitride or silicon adj dioxide) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 11:55 |
| - | 196 | (((((((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or (((("257/410") or ("257/411") or ("257/412")).CCLS.) or (((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.) and (@rlad<19990429 or @pd<19990428)) and (gate near10 (insulation or insulator or isolation or isolator))) and (silicon or polysilicon or polycrystalline near5 silicon)) and (doped or dopant or doping)) and (oxygen or oxynitride or silicon adj dioxide)) and (nitrogen or oxynitride or nitride) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 13:44 |
| - | 0 | ("L24 and silicon and oxygen and nitrogen and first.clm. and second.clm.").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 13:47 |
| - | 7 | (((("6277708") or ("6236094") or ("6191462") or ("6163050") or ("6133602") or ("6107657") or ("5962897") or ("5923056") or ("5886368") or ("5838051") or ("5831319") or ("5828111") or ("5811865") or ("5710454") or ("5635746") or ("5619051") or ("5614748") or ("5596214") or ("5565691") or ("5412246") or ("5289030") or ("5276346") or ("5268590") or ("5254867") or ("5237188") or ("5134451") or ("4954867") or ("4931411") or ("4855247") or ("4814854") or ("4698787") or ("3913211") or ("3863330") or ("3853633") or ("3724065")).PN.) and silicon and oxygen and nitrogen and first.clm. and second.clm. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 13:50 |

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|---|---|--|---|------------------|
| - | 0 | ((("6277708") or ("6236094") or ("6191462") or ("6163050") or ("6133602") or ("6107657") or ("5962897") or ("5923056") or ("5886368") or ("5838051") or ("5831319") or ("5828111") or ("5811865") or ("5710454") or ("5635746") or ("5619051") or ("5614748") or ("5596214") or ("5565691") or ("5412246") or ("5289030") or ("5276346") or ("5268590") or ("5254867") or ("5237188") or ("5134451") or ("4954867") or ("4931411") or ("4855247") or ("4814854") or ("4698787") or ("3913211") or ("3863330") or ("3853633") or ("3724065")).PN.) and silicon and oxygen and nitrogen and first.clm. and second.clm.) and sion | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 13:50 |
| - | 1 | ((("6277708") or ("6236094") or ("6191462") or ("6163050") or ("6133602") or ("6107657") or ("5962897") or ("5923056") or ("5886368") or ("5838051") or ("5831319") or ("5828111") or ("5811865") or ("5710454") or ("5635746") or ("5619051") or ("5614748") or ("5596214") or ("5565691") or ("5412246") or ("5289030") or ("5276346") or ("5268590") or ("5254867") or ("5237188") or ("5134451") or ("4954867") or ("4931411") or ("4855247") or ("4814854") or ("4698787") or ("3913211") or ("3863330") or ("3853633") or ("3724065")).PN.) and silicon and oxygen and nitrogen and first.clm. and second.clm.) and silicon adj oxynitride | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 14:07 |
| - | 0 | ((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or ((("257/410") or ("257/411") or ("257/412")).CCLS.) or ((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.)) and (@rlad<19990429 or @pd<19990428)) and (silicon adj oxynitride with gate with insulation) and (side adj wall adj spacer with silicon with (oxide or dioxide)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 14:40 |
| - | 0 | ((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or ((("257/410") or ("257/411") or ("257/412")).CCLS.) or ((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.)) and (@rlad<19990429 or @pd<19990428)) and (silicon adj oxynitride with gate with insulation) and side adj wall adj spacer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 14:40 |
| - | 0 | (silicon adj oxynitride with gate with insulation) and side adj wall adj spacer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 14:59 |
| - | 0 | ((silicon adj oxynitride or sion) with gate with insulation) and side adj wall adj spacer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 14:41 |
| - | 0 | ((silicon adj oxynitride or sion) same gate same insulation) and side adj wall adj spacer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 14:42 |

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|---|------|---|---|------------------|
| - | 2 | (((((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or (((("257/410") or ("257/411") or ("257/412")).CCLS.) or (((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.) and (@rlad<19990429 or @pd<19990428)) and silicon same oxy\$7 same (oxide or dioxide) same gate same ((side adj wall) near10 (silicon adj oxide or silicon adj dioxide))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 14:46 |
| - | 5 | (((((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or (((("257/410") or ("257/411") or ("257/412")).CCLS.) or (((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.) and (@rlad<19990429 or @pd<19990428)) and silicon same oxy\$7 same (oxide or dioxide) same gate same side adj wall | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 14:57 |
| - | 0 | (((((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or (((("257/410") or ("257/411") or ("257/412")).CCLS.) or (((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.) and (@rlad<19990429 or @pd<19990428)) and (gate adj insulation adj film same "sio:n") | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 14:57 |
| - | 0 | (silicon adj oxinitride with gate with insulation) and side adj wall adj spacer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 14:59 |
| - | 0 | (silicon adj (oxynitride or oxinitride) with gate with insulation) and side adj wall adj spacer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 15:00 |
| - | 137 | (((((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or (((("257/410") or ("257/411") or ("257/412")).CCLS.) or (((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.) and (@rlad<19990429 or @pd<19990428)) and silicon same oxy\$7 same (oxide or dioxide) same gate | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 15:41 |
| - | 9 | gate.ti,ab. and oxynitride.ti,ab. and (side adj wall with silicon with \$2oxide) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 15:53 |
| - | 2022 | side adj wall near10 (silicon adj oxide or silicon adj dioxide) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 15:55 |
| - | 80 | side adj wall.ti. near10 (silicon adj oxide or silicon adj dioxide) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 15:56 |
| - | 89 | side adj wall.ti. with (silicon adj oxide or silicon adj dioxide) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2001/10/04 15:56 |

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| - | 3 | side adj wall.ti. with (silicon adj oxide or silicon adj dioxide) and (silicon or polysilicon) adj gate | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/10/04 17:56 |
| - | 3 | 5620910.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/10/04 16:32 |
| - | 2 | polysilicon adj gate.ti,ab. and (side adj wall adj spacer near10 silicon adj dioxide) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/10/04 16:46 |
| - | 2 | polysilicon adj gate.ti,ab. and (side adj wall adj spacer near5 silicon adj dioxide) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/10/04 16:55 |
| - | 3 | 5620910.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/10/04 17:01 |
| - | 12 | (tungsten adj silicide near5 gate adj electrode) and gate adj insulation adj film | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/10/04 17:03 |
| - | 3 | 5646054.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/10/04 17:56 |
| - | 50 | (field adj oxide near5 nitrogen) and (257/\$5.ccls. or 438/\$5.ccls.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/10/04 20:20 |
| - | 110 | gate adj electrode near5 doped adj silicon | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/10/04 20:55 |
| - | 44 | (gate adj electrode near5 doped adj silicon) and 257/\$5.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/10/04 21:18 |
| - | 133 | (tunnel near6 gate near6 (insulation or insulating) adj film) and 257/\$5.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/10/04 21:20 |
| - | 1 | (tunnel near6 gate near6 (insulation or insulating) adj film) and 257/\$5.ccls. and silicon adj oxynitride | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2001/10/04 21:21 |
| - | 22 | (post-oxide or post adj oxide) adj film | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/01/28 10:14 |
| - | 3716 | ((("257/356") or ("257/357") or ("257/359") or ("257/360")).CCLS.) or ((("257/410") or ("257/411") or ("257/412")).CCLS.) or ((("257/632") or ("257/635") or ("257/638") or ("257/639") or ("257/649")).CCLS.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB | 2002/01/28 11:26 |

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|---|-----|--|---|------------------|
| - | 100 | ((("6277708") or ("6236094") or ("6191462") or ("6163050") or ("6133602") or ("6107657") or ("5962897") or ("5923056") or ("5886368") or ("5838051") or ("5831319") or ("5828111") or ("5811865") or ("5710454") or ("5635746") or ("5619051") or ("5614748") or ("5596214") or ("5565691") or ("5412246") or ("5289030") or ("5276346") or ("5268590") or ("5254867") or ("5237188") or ("5134451") or ("4954867") or ("4931411") or ("4855247") or ("4814854") or ("4698787") or ("3913211") or ("3863330") or ("3853633") or ("3724065"))).PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/01/28 11:27 |
| - | 0 | ((("6277708") or ("6236094") or ("6191462") or ("6163050") or ("6133602") or ("6107657") or ("5962897") or ("5923056") or ("5886368") or ("5838051") or ("5831319") or ("5828111") or ("5811865") or ("5710454") or ("5635746") or ("5619051") or ("5614748") or ("5596214") or ("5565691") or ("5412246") or ("5289030") or ("5276346") or ("5268590") or ("5254867") or ("5237188") or ("5134451") or ("4954867") or ("4931411") or ("4855247") or ("4814854") or ("4698787") or ("3913211") or ("3863330") or ("3853633") or ("3724065"))).PN.) and post adj oxide adj film | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/01/28 11:27 |
| - | 0 | ((("6277708") or ("6236094") or ("6191462") or ("6163050") or ("6133602") or ("6107657") or ("5962897") or ("5923056") or ("5886368") or ("5838051") or ("5831319") or ("5828111") or ("5811865") or ("5710454") or ("5635746") or ("5619051") or ("5614748") or ("5596214") or ("5565691") or ("5412246") or ("5289030") or ("5276346") or ("5268590") or ("5254867") or ("5237188") or ("5134451") or ("4954867") or ("4931411") or ("4855247") or ("4814854") or ("4698787") or ("3913211") or ("3863330") or ("3853633") or ("3724065"))).PN.) and post-oxide adj film | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/01/28 11:27 |
| - | 12 | post-oxide adj film | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/01/28 11:28 |
| - | 6 | post-oxide adj film and gate adj insulating adj film | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/01/28 11:28 |